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PATENTAttorney Reference Number 4641-56502  
Application Number 09/749,865**KLARQUIST SPARKMAN, LLP**16th Floor World Trade Center, 121 S.W. Salmon Street, Portland, Oregon 97204 U.S.A.  
PHONE: 503-226-7391 FAX: 503-228-9446**PLEASE DELIVER DIRECTLY TO: Mamy Wagstaff, Legal Instruments Examiner****Fax No.:** 703-872-9306**Total No. Pages:** 15 including this cover sheet**Message:** Transmitted herewith for filing in the above-identified application is a Revised Amendment After Final. If you do not receive all pages or if you have problems receiving transmittal, please call Valerie Gasperetti at (503) 226-7391.**Response Under 37 C.F.R. § 1.116 Expedited Procedure****In re application of:** Hirayanagi et al.**Application No.** 09/749,865**Filed:** December 27, 2000**Confirmation No.** 7443**For:** WAFER CHUCKS ALLOWING  
CONTROLLED REDUCTION OF  
SUBSTRATE HEATING AND RAPID  
SUBSTRATE EXCHANGE**Examiner:** Ram N. Kackar**Art Unit:** 1763**Attorney Reference No.** 4641-56502**CERTIFICATE OF FACSIMILE**

I hereby certify that this correspondence and any documents referred to as being transmitted herewith are being facsimile transmitted to the Patent and Trademark Office via 703-872-9306 on December 15, 2003.

Attorney  
for Applicant(s)Date Mailed December 15, 2003MAIL STOP AF  
COMMISSIONER FOR PATENTS  
P.O. BOX 1450  
ALEXANDRIA, VA 22313-1450**REVISED AMENDMENT AND REPLY AFTER FINAL ACTION**

This responds to the Notice of Non-Compliant Amendment dated December 4, 2003. Please amend the referenced application as follows:

**Amendments to the Claims** are reflected in the listing of claims, which begins on page 2.

**Remarks** begin on page 13.